

PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No.	Applicant(s) Joseph A. Zupanick	
		Docket Number 067083.0283	Group Art Unit	Filing Date October 14, 2003

## U.S. PATENT DOCUMENTS

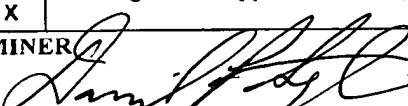
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DPS	A	54,144	04/24/1866	Hamar			
	B	130,442	08/00/1872	Russell	166	243	
	C	274,740	03/27/1883	Douglass			
	D	526,708	10/02/1894	Horton			
	E	639,036	12/12/1899	Heald			08/21/1899
	F	1,189,560	07/04/1916	Gondos			10/21/1914
	G	1,230,666	06/1917	Carden			
	H	1,285,347	11/19/1918	Otto			02/09/1918
	I	1,467,480	09/11/1923	Hogue			12/19/1921
	J	1,485,615	03/04/1924	Jones			12/08/1920
	K	1,674,392	06/19/1928	Flansburg			08/06/1927
	L	1,777,961	10/07/1930	Capeliuschnicoff			04/04/1927
	M	2,028,285	10/1935	Schweitzer et al.	166	21	
	N	2,033,521	03/00/1936	Horn	166	237	
	O	2,069,482	02/02/1937	Seay	255	76	04/18/1935
	P	2,150,228	03/14/1939	Lamb	166	10	08/31/1936
DPS	Q	2,169,718	08/15/1939	Böll, et al.	255	24	04/01/1937

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DPS	R	0 875 661 A1	11/04/1998	EP	E21B	43/30	x
	S	0 952 300 A1	10/27/1999	EP	E21B	7/12	x
	T	197 25 996 A1	01/02/1998	DE	E03B	3/10	x
DPS	U	0 819 834 A1	21/01/1998	EP	43	28	x

## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
DPS	V Joseph A. Zupanick; Declaration of Experimental Use with attached exhibits A-D, pp. 1-3	11/14/2000
	W Howard L. Hartman, et al.; "SME Mining Engineering Handbook;" Society for Mining, Metallurgy, and Exploration, Inc, pp. 1946-1950, 2nd Edition, Volume 2	1992
DPS	X Pending Patent Application, Joseph A Zupanick, <i>Cavity Well Positioning System and Method</i>	Filed 10/24/2000

EXAMINER:  DATE CONSIDERED  
11/27/04

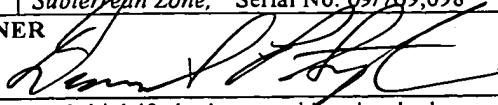
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PTO-1449 <b>Information Disclosure Citation in an Application</b>		Application No.  Docket Number <b>067083.0283</b>	Applicant(s) <b>Joseph A. Zupanick</b>	
			Group Art Unit	Filing Date <b>October 14, 2003</b>

U.S. PATENT DOCUMENTS							
		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DPS	A	2,335,085	11/23/1943	Roberts	251	107	03/18/1941
	B	2,450,223	09/1948	Barbour	255	76	
	C	2,490,350	12/06/1949	Grable	166	4	12/15/1943
	D	2,679,903	06/01/1954	McGowen, Jr., et al.	166	1	11/23/1949
	E	2,726,063	12/06/55	Ragland, et al.	255	1.8	05/10/52
	F	2,783,018	02/26/1957	Lytle	251	25	02/11/1955
	G	2,847,189	08/12/1958	Shook	255	76	01/08/1953
	H	2,911,008	11/03/1959	Du Bois	137	625.31	04/09/1956
	I	2,980,142	04/18/1961	Turak	137	637.3	09/08/1958
	J	3,107,731	10/00/1973	Dinning	166	217	
	K	3,236,320	02/1966	Russ	175	263	
	L	3,347,595	10/17/67	Dahms, et al.	299	4	05/03/65
	M	3,443,648	05/13/1969	Howard	175	103	09/13/1967
	N	3,473,571	10/21/1969	Dugay	137	625.4	12/27/1967
	O	3,503,377	03/31/1970	Beatenbough, et al.	123	117	07/30/1968
	P	3,528,516	09/15/1970	Brown	175	267	08/21/1968
	Q	3,530,675	09/1970	Turzillo	61	35	
DPS	R	3,684,041	08/15/1972	Kammerer, Jr., et al.	175	267	11/16/1970

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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DPS	S	94 21889	29/09/1994	PCT	43	24	X	

NON-PATENT DOCUMENTS			
DOCUMENT (Including Author, Title, Source, and Pertinent Pages)			DATE
DPS T Pending Patent Application, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," Serial No. 09/789,956			02/20/2001 Filed
U Pending Patent Application, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," Serial No. 09/788,897			02/20/2001 Filed
V Pending Patent Application, Joseph A. Zupanick, "Method and System for Accessing Subterranean Deposits From The Surface," Serial No. 09/791,033			02/20/2001 Filed
DPS W Pending Patent Application, Joseph A. Zupanick, Method and System for Enhanced Access to a Subterranean Zone," Serial No. 09/769,098			01/24/01 Filed
EXAMINER 		DATE CONSIDERED	11/27/04

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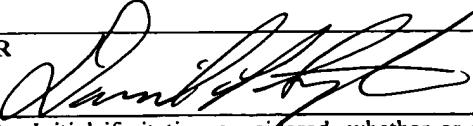
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DPS	A	3,692,041	09/19/1972	Bondi	137	238	01/04/1971
	B	3,757,876	09/11/1973	Pereau	175	267	09/01/1971
	C	3,757,877	09/1973	Leathers	175	269	
	D	3,800,830	04/02/1974	Etter	137	625.41	01/11/1973
	E	3,809,519	05/07/1974	Garner	425	245	10/19/1972
	F	3,828,867	08/13/1974	Elwood	175	45	05/15/1972
	G	3,874,413	04/01/1975	Valdez	137	625.47	04/09/1973
	H	3,902,322	09/02/1975	Watanabe	61	35	08/27/1973
	I	3,934,649	01/27/1976	Pasini, III, et al.	166	254	07/25/1974
	J	3,957,082	05/18/1976	Fuson, et al.	137	625.41	09/26/1974
	K	3,961,824	06/08/1976	Van Eek, et al.	299	17	10/21/1974
	L	4,037,658	07/26/77	Anderson	166	272	10/30/75
	M	4,073,351	02/14/1978	Baum	175	14	06/10/1976
	N	4,089,374	05/16/1978	Terry	166	259	12/16/1976
	O	4,116,012	09/26/1978	Abe, et al.	405	238	07/14/1977
DPS	P	4,156,437	05/29/1979	Chivens, et al.	137	554	02/21/1978

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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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DPS	Q	EP 0300627 A1	01/1989	Europe	E21B	17/10		
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**NON-PATENT DOCUMENTS**

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
DPS	U	Pending Patent Application, Joseph A. Zupanick, <i>Method and System for Accessing a Subterrean Zone from a Limited Surface Area</i> , Serial No. 09/774,996	01/30/01 Filed
1	V	Pending Patent Application, Joseph A. Zupanick, <i>Method and System for Accessing a Subterrean Zone from a Limited Surface Area</i> , Serial No. 09/773,217	01/30/01 Filed
DPS	W	Nackerud Product Description	09/27/01 Rec'd Date
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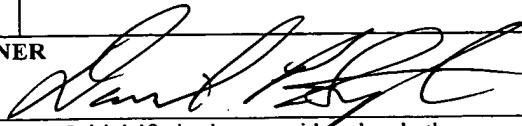
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205	A	4,169,510	10/02/1979	Meigs	175	65	08/16/1977
	B	4,189,184	02/19/1980	Green	299	8	10/13/1978
	C	4,220,203	09/02/80	Steeman	166	271	12/06/78
	D	4,221,433	09/09/80	Jacoby	299	4	07/20/78
	E	4,257,650	03/24/1981	Allen	299	2	09/07/1978
	F	4,278,137	07/14/1981	Van Eek, deceased	175	267	06/18/1979
	G	4,296,785	10/27/1981	Vitello, et al.	141	105	07/09/1979
	H	4,299,295	11/10/1981	Gossard	175	45	02/08/1980
	I	4,312,377	01/26/1982	Knecht	137	625.19	08/29/1979
	J	4,317,492	03/02/82	Summers, et al.	175	79	02/26/80
	K	4,366,988	01/04/1983	Bodine	299	14	04/07/1980
	L	4,372,398	02/08/1983	Kuckles	175	45	11/04/1980
	M	4,390,067	06/28/83	Willman	166	245	04/06/81
	N	4,396,076	08/02/1983	Inoue	175	265	04/27/1981
205	O	4,397,360	08/09/83	Schmidt	175	61	07/06/81

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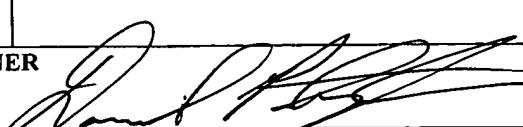
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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
PPS A	4,401,171	08/30/1983	Fuchs	175	267	12/10/1981
PPS B	4,407,376	10/04/1983	Inoue	175	267	06/26/1981
PPS C	4,442,896	04/17/84	Reale, et al.	166	278	07/21/82
PPS D	4,494,616	01/22/1985	McKee	175	67	07/18/1983
PPS E	4,512,422	04/23/85	Knisley	175	99	06/28/83
PPS F	4,527,639	07/09/85	Dickinson, III, et al.	175	61	03/02/83
PPS G	4,532,986	08/06/85	Mims, et al.	166	50	05/05/83
PPS H	4,544,037	10/01/1985	Terry	166	369	02/21/1984
PPS I	4,558,744	12/17/1985	Gibb	166	335	09/13/1983
PPS J	4,565,252	01/21/1986	Campbell, et al.	175	269	03/08/1984
PPS K	4,600,061	07/15/1986	Richards	175	62	06/08/1984
PPS L	4,605,076	08/12/1986	Goodhart	175	61	08/03/1984
PPS M	4,611,855	09/16/1986	Richards	299	2	05/11/1984
PPS N	4,618,009	10/21/1986	Carter, et al.	175	267	08/08/1984
PPS O	4,638,949	01/27/1987	Mancel	239	307	04/26/1984

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		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
199	A	4,674,579	06/23/1987	Geller, et al.	175	45	03/07/1985
	B	4,702,314	10/27/1987	Huang, et al.	166	245	03/03/1986
	C	4,715,440	12/29/1987	Boxell, et al.	166	100	07/14/1986
	D	4,763,734	08/16/88	Dickinson, et al.	175	62	12/23/85
	E	4,830,105	05/16/1989	Petermann	166	241	02/08/1988
	F	4,842,081	06/27/1989	Parant	175	23	05/18/1988
	G	4,852,666	08/01/1989	Brunet, et al.	175	61	04/07/88
	H	4,978,172	12/18/1990	Schwoebel, et al.	299	12	10/26/89
		4,981,367	01/1991	Brazelton	366	308	
	I	5,016,710	05/21/1991	Renard, et al.	166	245	06/26/87
	J	5,035,605	07/30/1991	Dinerman, et al.	425	564	02/16/1990
	K	5,036,921	08/06/1991	Pittard, et al.	166	298	06/28/1990
	L	5,074,360	12/24/1991	Guinn	166	281	06/10/90
	M	5,074,365	12/24/1991	Kuckes	175	40	09/14/1990
	N	5,074,366	12/24/1991	Karlsson, et al.	175	76	06/21/1990
105	O	5,111,893	05/12/1992	Kvello-Aune	175	258	12/24/1990

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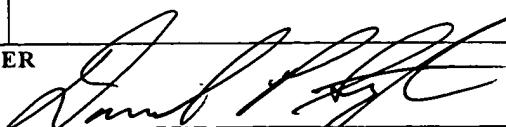
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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DPS	A 5,135,058	08/04/1992	Millgard, et al.	175	71	04/26/1990
	B 5,148,875	09/22/1992	Karlsson, et al.	175	62	09/24/1991
	C 5,168,942	12/08/1992	Wydriinski	175	50	10/21/1991
	D 5,174,374	12/29/1992	Hailey	166	55.8	10/17/1991
	E 5,197,553	03/30/1993	Leturno	175	57	08/14/1991
	F 5,197,783	03/30/93	Theimer, et al.	299	17	04/29/91
	G 5,199,496	04/06/93	Redus, et al.	166	366	10/18/91
	H 5,201,817	04/13/1993	Hailey	175	269	12/27/1991
	I 5,217,076	06/08/1993	Masek	166	303	09/27/1991
	J 5,240,350	08/31/1993	Yamaguchi, et al.	405	143	03/08/1991
	K 5,242,017	09/07/1993	Hailey	166	55.8	12/27/1991
	L 5,246,273	09/21/93	Rosar	299	4	05/13/91
	M 5,255,741	10/26/1993	Alexander	166	278	12/11/1991
	N 5,271,472	12/21/1993	Leturno	175	107	10/14/1992
DPS	O 5,301,760	04/12/94	Graham	175	61	09/10/92

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28	A	5,363,927	11/15/1994	Frank	175	67	09/27/1993
	B	5,385,205	01/31/1995	Hailey	166	55.8	10/04/1993
	C	5,402,851	04/04/95	Baiton	166	369	05/03/93
	D	5,411,085	05/02/1995	Moore, et al.	166	242	11/01/1993
	E	5,411,104	05/02/1995	Stanley	175	65	02/16/1994
	F	5,450,902	09/19/95	Matthews	166	268	05/14/93
	G	5,454,419	10/03/1995	Vloedman	166	277	09/19/1994
	H	5,462,116	10/31/1995	Carroll	166	249	10/26/1994
	I	5,469,155	11/21/1995	Archambeault, et al.	340	853.4	07/11/1994
	J	5,485,089	01/16/1996	Kuckles	324	346	10/08/1993
	K	5,494,121	02/27/1996	Nackerud	175	263	11/29/1994
	L	5,501,273	03/26/1996	Puri	166	252.5	10/04/1994
	M	5,501,279	03/26/1996	Garg, et al.	166	372	01/12/1995
	N	5,584,605	12/17/96	Beard, et al.	405	128	06/29/95
	O	5,613,425	03/1997	Krznaric	99	348	
	P	5,615,739	04/01/97	Dallas	166	306	04/30/96
PPS	Q	5,659,347	08/19/1997	Taylor	347	85	11/14/1994

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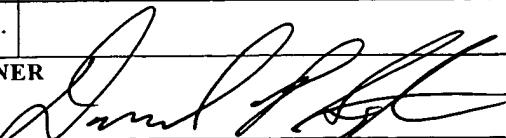
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DPS	A	5,669,444	09/23/1997	Riese, et al.	166	263	01/31/1996
	B	5,690,390	11/25/97	Bitell	299	4	04/19/96
	C	5,706,871	01/13/1998	Andersson, et al.	141	59	08/15/1995
	D	5,720,356	02/24/98	Gardes	175	62	02/01/96
	E	5,785,133	07/28/98	Murray, et al.	175	61	08/29/95
	F	5,832,958	11/10/1998	Cheng	137	625.41	09/04/1997
	G	5,853,054	12/29/1998	McGarian, et al.	175	267	10/31/1995
	H	5,868,202	02/09/99	Hsu	166	256	09/22/97
	I	5,868,210	02/09/1999	Johnson, et al.	175	40	05/01/1996
	J	5,879,057	03/09/1999	Schwoebel, et al.	299	17	11/12/1996
	K	5,917,325	06/29/1999	Smith	324	326	03/19/1996
	L	5,934,390	08/10/99	Uthe	175	67	12/23/97
	M	5,957,539	09/28/99	Durup, et al.	299	4	07/17/97
DPS	N	6,024,171	02/15/2000	Montgomery, et al.	166	308	03/12/1998
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U.S. Patent and Trademark Office

PTO-1449	Application No.	Applicant(s) Joseph A. Zupanick	
Information Disclosure Citation in an Application		Docket Number 067083.0283	Group Art Unit Filing Date October 14, 2003

## U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
A.	1,230,666	06/19/1917	D. A. Carden			05/31/1916
DPS	2,018,285	10/22/1935	R. R. Schweitzer et al.	166	21	11/27/1934
C.	2,450,223	09/28/1948	W. R. Barbour	255	76	11/25/1944
D.	3,236,320	02/22/1966	J. E. Russ	175	263	10/02/1963
E.	3,530,675	09/29/1970	L. A. Turzillo	61	35	08/26/1968
F.	3,757,877	09/11/1973	Leathers	175	269	12/30/1971
G.	4,981,367	01/01/1991	Brazelton	366	308	07/28/1989
H.	5,494,121	02/27/1996	Naekerud	175	263	11/29/1994
I.	5,613,425	03/25/1997	Kizmarie	99	348	06/26/1996
DPS	6,412,556	07/02/2002	Zupanick	166	255.2	08/03/2000
DPS	6,454,000	09/24/2002	Zupanick	166	243	10/24/2000

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES
I.	0 300 637	06/29/88	EPO	17	10	X

## NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)			DATE
DPS	M.	ABI Oil Tools, E-Tronics, "Tubing Rotator Operating Effectiveness," Models and Specifications, Published prior to June 2000		Published Prior to June 2000
	N.			
	O.			
	P.			
	Q.			
	R.			
	S.			

EXAMINER

DATE CONSIDERED

11/27/04

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\* - previously Cited

PTO-1449  <b>Information Disclosure Citation In an Application</b>		Application No.  Docket Number <b>067083.0283</b>	Applicant(s)  <b>Joseph A. Zupanick</b>
		Group Art Unit	Filing Date <b>October 14, 2003</b>

**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DPS A	2,290,502	07/21/42	Squires	255	76	12/29/38
DPS B	3,339,647	09/05/67	Kammerer, Jr.	175	268	08/20/65
DPS C	4,887,668	12/19/89	Lynde, et al.	166	55.8	11/06/86
DPS D	5,402,856	04/04/1995	Warren et al.	175	57	12/21/1993
DPS E	5,722,489	03/03/1998	Lambe et al.	166	269	04/08/1996
DPS F	6,227,312	05/08/2001	Eppink	175	57	10/27/1999
DPS G	6,378,626	04/30/2002	Wallace	175	19	06/29/2000
H						
I						
J						
K						

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
DPS L	WO 01/83932 A1	11/08/01	PCT	E21B	7/20	X	
DPS M	1067819	12/11/79	Canada	E21B	43/25	X	
N							

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
DPS O	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed July 4, 2003 (10 pages) re International Application No. PCT/US 03/04771	07/04/03
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EXAMINER	<i>[Signature]</i>	DATE CONSIDERED
		<i>11/27/04</i>

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U.S. PATENT AND TRADEMARK OFFICE

PTO-1449		Application No.	Applicant(s)	
<b>Information Disclosure Citation In an Application</b>		067083.0283	Joseph A. Zupanick	
		Docket Number	Group Art Unit	Filing Date
				October 14, 2003

### U.S. PATENT DOCUMENTS

		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
DPS	S	1,589,508	06/22/1926	Boynton			10/23/1924
	T	3,087,552	04/30/1963	Graham			10/02/1961
	U	4,158,388	06/19/1979	Owen et al.	166	286	06/20/1977
	V	4,243,099	01/06/1981	Rodgers, Jr.	166	65 R	05/24/1978
DPS	W	4,549,630	10/29/1985	Brown	181	106	04/21/1983
	X	5,197,553	03/30/1993	Letourneau	175	57	08/14/1991
DB	Y	5,348,091	09/20/1994	Tchakarov et al.	166	217	08/16/1993
	Z	5,413,183	05/09/1995	England	175	53	05/14/1993
	AA	6,082,461	07/04/2000	Newman	166	381	06/24/1998
DPS	BB	6,217,260	04/17/2001	He	405	237	11/24/1998
	CC	6,412,536	07/02/2002	Zupanick	166	255.2	08/03/2000
	DD	6,454,000	09/24/2002	Zupanick	166	243	10/24/2000
DB	EE	6,494,272	12/17/2002	Eppink et al.	175	57	11/22/2000

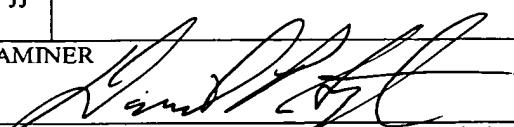
### FOREIGN PATENT DOCUMENTS

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	FF							

### DOCUMENT (Including Author, Title, Source, and Pertinent Pages)

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EXAMINER		DATE CONSIDERED
		11/27/04

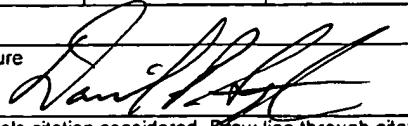
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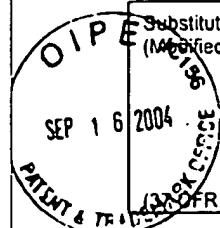
U.S. PATENT AND TRADEMARK OFFICE

Substitute Form PTO-1449 FEBRUARY 1988 O I P 6 2004 SEP PATENT & TRADEMARK OFFICE Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-005003	Application No. 10/687,362
		Applicant Joseph A. Zupanick	
		Filing Date October 14, 2003	Group Art Unit 3672

## U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
PPS	A1	1,317,192	09/30/1919	Jones			
	A2	1,498,463	06/17/1924	McCloskey et al.			
	A3	1,710,998	04/30/1929	Rudkin			
	A4	1,970,063	08/14/1934	Steinman			
	A5	2,031,353	02/18/1936	Woodruff			
	A6	2,169,502	08/15/1939	Santiago			
	A7	2,203,998	06/11/1940	O'Grady			
	A8	2,814,463	11/26/1957	Kammerer, Jr.			
	A9	3,126,065	03/24/1964	Chadderdon			
	A10	3,196,961	07/27/1965	Kammerer			
	A11	3,379,266	04/23/1968	Fletcher			
	A12	3,397,750	08/20/1968	Wicklund			
	A13	3,552,509	01/05/1971	Brown			
	A14	3,554,304	01/12/1971	Link, et al.			
	A15	3,598,193	08/10/1971	Hilton			
	A16	3,656,564	04/18/1972	Brown			
	A17	3,731,753	05/08/1973	Weber			
	A18	4,323,129	04/06/1982	Cordes			
	A19	5,009,273	04/23/1991	Grabiniski			
	A20	5,392,862	02/28/1995	Swearingen			
	A21	5,499,687	03/19/1996	Lee			
	A22	6,070,677	06/06/2000	Johnston, Jr.			
	A23	6,454,024	09/24/2002	Nackerud			
	A24	6,575,255	06/10/2003	Rial et al.			
	A25	6,591,922	07/15/2003	Rial et al.			
	A26	6,595,301	07/22/2003	Diamond et al.			
PPS	A27	6,595,302	07/22/2003	Diamond et al.			

Examiner Signature 	Date Considered 11/27/04
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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17601-005003	Application No. 10/687,362
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)		Applicant Joseph A. Zupanick	
		Filing Date October 14, 2003	Group Art Unit 3672

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
DPS	A28	6,722,452	04/20/2004	Rial et al.			
DPS	A29	2004/0011560 A1	01/22/2004	Rial et al.			
DPS	A30	2004/0084183 A1	05/06/2004	Zupanick			

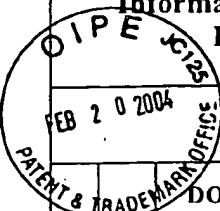
Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
							Yes No
	B1	DE 1207907	12/30/1965	Germany			X

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
DPS	C1	Zupanick et al, U.S. Patent Application entitled, "Cavity Positioning Tool and Method," S/N 10/188,159, July 1, 2002 (28 pages)
1	C2	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) (3 pages) and International Search Report (5 pages) re International Application No. PCT/US 03/14828 mailed September 2, 2003 (International Pub. #WO 03/102355 A1)
DPS	C3	Zupanick et al., U.S. Patent Application entitled, "Slot Cavity," S/N 10/419,529, April 21, 2003 (43 pages)

+ - No Translation

Examiner Signature 	Date Considered 11/27/07
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PTO-1449 <b>Information Disclosure Citation In an Application</b>	Application No. <b>10/687,362</b>	Applicant(s) <b>Joseph A. Zupanick</b>
	Docket Number <b>067083.0283</b>	Group Art Unit
		Filing Date <b>October 14, 2003</b>



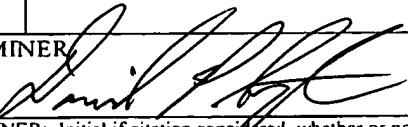
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	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
P1	A 4,151,880	05/01/1979	Vann	166	314	10/17/1977
DPS	B 6,644,422	11/11/2003	Rial	175	57	08/13/2001
DS	C US-2002/0070052-A1	06/13/2002	Armell et al.	175	273	12/06/2001
	D					
	E					
	F					
	G					
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	I					
	J					
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	L					
	M					

### FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
	N					YES NO

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
O	Notification of Transmittal of the International Search Report or the Declaration (PCT Rule 44.1) mailed November 13, 2003 (8 pages) re International Application No. PCT/US 03/21891	07/15/2003
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EXAMINER	DATE CONSIDERED
	11/27/04

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